



Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

FOREIGN

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, June 30, 1899, to September 15, 1899.

[For reports received from January 1 to June 30, 1899, see PUBLIC HEALTH REPORTS for June 30.]

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	June 6-Aug. 8...	.....	12	
Calcutta.....	May 13-July 29...	.....	225	
Madras.....	May 20-June 9...	0	9	
Japan:				
Osaka and Hiogo	June 10-Aug. 12...	3	2	
Yokohama.....	July 16-July 29...	2	2	

YELLOW FEVER.

Places.	Date.	Cases.	Deaths.	Remarks.
Argentina:				
Buenos Ayres.....	Apr. 1-Apr. 30...	.....	4	
	June 1-June 30...	.....	8	
Brazil:				
Bahia.....	June 3-Aug. 12...	177	85	
Para	June 1-June 30...	.....	19	
Rio de Janeiro.....	May 19-July 21...	.....	60	
St. Felix.....	June 7.....	.....	.....	Reported present.
Colombia:				
Barranquilla.....	June 10-June 24...	2	2	
	Aug. 6-Aug. 12...	1	1	
Panama.....	June 16-Aug. 8...	88	45	
	Aug. 15-Aug. 29...	16	5	
Costa Rica:				
Alajuela.....	Aug. 4.....	12	.....
Heredia.....	.....do.....	1	.....
Port Limon.....	Aug. 18.....	1	1	
Punta Arenas.....	Aug. 4.....	.....	.....	Yellow fever reported.
Cuba:				
Cienfuegos	July 23-July 29...	1	1	Doubtful.
Cristo	Aug. 13-Aug. 14...	1	.....
Havana	June 15-Aug. 31...	78	21	
Manzanillo.....	July 2-Aug. 12...	9	2	
Matanzas.....	June 17-July 27...	2	.....	1 Doubtful.
	Aug. 6-Aug. 12...	1	1	
Puerto Principe.....	To Aug. 9.....	39	13	
Santiago.....	June 10-Aug. 26...	206	46	
Sancti Spiritu.....	Aug. 24.....	2	.....
Mexico:				
Amealco	Aug. 24.....	.....	.....	Yellow fever reported.
Cinchapa	Aug. 23.....	.....	.....	Do.
Cordoba.....	June 21.....	23	14	
	May 1-Aug. 5...	.....	80	
Cosamaloapam	Aug. 21.....	1	.....
Hidalgo	Aug. 23.....	.....	.....	Do.
Jalapa.....	Aug. 9.....	.....	5	
Juchitan	Aug. 23.....	.....	.....	Do.
Merida.....	July 1.....	1	.....
Orizaba	May 1-July 24...	.....	11	
	Aug. 29.....	.....	18	
Progreso	July 25.....	2	1	
San Geronimo	Aug. 23.....	.....	.....	Do.
San Juan la Junta	Aug. 24.....	.....	.....	Do.
San Lorenzo .....	.....do.....	.....	.....	Do.
Tampico	July 1-July 7...	1	1	
Tapona.....	Aug. 23.....	.....	.....	Do.
Tuxpan	July 30-Aug. 28...	.....	34	
Vera Cruz.....	June 15-Aug. 31...	.....	192	
San Salvador:				
San Salvador.....	June 30-Aug. 1...	3	1	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE.

Places.	Date.	Cases.	Deaths.	Remarks.
Arabia:				
Djiddah	June 30.....			Plague reported.
China:				
Amoy.....	July 1-Aug. 5...		500	
Hongkong	Apr. 11-July 29...	1,482	1,420	
Egypt:				
Alexandria.....	May 4-Aug. 13...	83	39	
French Ivory Coast Colony:				
Grand Bassam.....	June 7.....	200		
India:				
Bombay.....	May 27-Aug. 8...		577	
Calcutta.....	May 13-July 29...		169	
Japan:				Total since outbreak, 2,468 cases; 1,866 deaths.
Kanagawa Ken.....	July 1-July 10...	2	1	
Nagasaki Ken.....	do.....	2		
Taiwan, Formosa.....	do.....	14	6	
Tamsui, Formosa	Apr. 26-July 26...	881	642	
Mauritius.....	May 4-May 31...	1	5	
Persia:	July 14-July 20...	30	29	
Bushire.....	June 8.....			
Portugal:	May 26-June 18...		40	
Lisbon.....	Aug. 16.....			
Oporto.....	Aug. 16-Aug. 27...	51	18	Do.
Réunion (Isle de).....	July 24.....	1	1	Do.
Russia:				
St. Petersburg.....	July 23-July 29...	1		
	Aug. 6-Aug. 12...	1		
Straits Settlements:				
Penang.....	Jan. 4-July 21...	49	39	
Singapore.....	May 27-June 17...	0	3	
Turkey:				
Bassorah	June 19.....	1	1	

SMALLPOX.

Arabia:				
Aden.....	May 1-May 31...		1	Reported present.
Argentina:				
Bueno Ayres.....	Apr. 1-June 30...		2	
Austria:				
Budapest.....	June 16-June 24...	2		
	July 31-Aug. 6...	1		
Belgium:				
Antwerp.....	June 10-Aug. 19...	16	6	
Ghent.....	June 23-July 1...		1	
Brazil:				
Bahia.....	June 3-July 29...	4		
Rio de Janeiro.....	May 19-July 21...	199	144	
China:				
Hongkong	May 6-June 10...	2	1	
	July 12-July 24...	2		
Colombia:				
Panama.....	July 26-Aug. 1...	1	1	
Cuba:				
Casilda.....	Aug. 1-Aug. 31...		1	
Havana.....	June 30-July 6...	5	1	
Sancti Spiritu.....	June 7.....			
Santiago.....	July 1-July 8...	1		
Egypt:				
Cairo.....	May 20-July 29...		24	
England:				
Liverpool	June 10-June 17...		1	
London.....	June 10-Aug. 5...	5	1	
France:				
Nantes.....	June 1-June 30...	1		
Marseilles.....	June 25-July 2...	1		
Paris.....	July 2-July 8...		1	
Gibraltar.....	June 4-June 21...	1		
Greece:				
Athens.....	June 10-Aug. 19...	114	26	
India:				
Bombay.....	May 27-Aug. 8...		79	
Calcutta.....	May 13-June 10...		2	
Madras.....	May 20-July 21...		8	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Mexico:				
Chihuahua.....	July 16-Sept. 3...	.....	12	
City of Mexico.....	June 4-Aug. 13...	70	50	
Nuevo Laredo.....	July 1-Aug. 26...	.....	3	
Netherlands:				
Rotterdam.....	July 15-July 22...	1	.....
Russia:				
Khabarovsk.....	Apr. 1-Apr. 30...	1	.....
Moscow.....	May 27-Aug. 11...	111	49	
Odessa.....	June 10-Aug. 18...	33	10	
St. Petersburg.....	June 3-Aug. 5...	89	29	
Warsaw.....	June 3-Aug. 19...	.....	11	
Scotland:				
Glasgow.....	June 3-June 17...	1	1	
Spain:				
Valencia.....	Aug. 16-Aug. 29...	4	1	
Straits Settlements:				
Singapore.....	Apr. 1-July 15...	.....	22	
Turkey:				
Beireut.....	June 27-July 1...	1	.....
Erzeroum.....	July 8-Aug. 12...	6	.....
Smyrna.....	May 27-Aug. 20...	.....	10	
Uruguay:				
Montevideo.....	May 27-July 30...	2	.....

On the influence of the drying process at various temperatures on the viability of the pest bacillus, by S. L. Rappoport, preliminary communication, from the laboratory of the Scientific Military Medical Committee.

[Translated from Voyenno-Meditsinskiy Zhurnal, St. Petersburg, October, 1898.]

Early in the past year I began, in compliance with the proposition of Dr. I. F. Rapchevsky in the laboratory entrusted to him, the study of the biological qualities of the bacillus of pest. The present communication relates only to the influence upon the organism of the drying process at various temperatures and under various circumstances.

Cultures of the bacillus pestis have been obtained through Dr. I. F. Rapchevsky from the Imperial Institute of Experimental Medicine. The hypodermic injection of 1 cubic centimeter of bouillon culture of the bacillus of pest to white mice, and injections performed in the abdominal region, killed the mice within two days, and the specific germs were found in the organs, as well as in the blood of the latter.

For drying experiments, the following materials were used: Silk threads, letter paper, filtering paper, linen, and cloth. All fatty substance was carefully eliminated from the silk threads, which were thoroughly sterilized. The other material was cut into rounds of similar size, 1½ centimeter in diameter, and were also carefully sterilized. An emulsion from a two days' culture on agar-agar, in meat broth (with peptone and salt), was made of such consistency that large type could not be seen through it.

The material experimented upon was immersed for one-half an hour in this emulsion, and distributed after preliminary drying between sheets of filtering paper, in Petri dishes, sterilized beforehand and not hermetically closed. I arrived at my conclusions about the loss of the multiplying capacity from the fact that no growth could be noticed in the experimental vessels with broth in which the silk threads and rounds were put, even after a two weeks' stay in the thermosta.